

Title (en)

SPIROCYCLIC-SUBSTITUTED 6,7-DIHYDRO-PYRANO[2,3-D]PYRIMIDINE INHIBITORS OF KRAS G12C MUTANT

Title (de)

SPIROCYCLISCH SUBSTITUIERTE 6,7-DIHYDRO-PYRANO[2,3-D]PYRIMIDINE ALS INHIBITOREN DES KRAS G12C MUTANTEN

Title (fr)

INHIBITEURS 6,7-DIHYDRO-PYRANO[2,3-D]PYRIMIDINE À SUBSTITUTION SPIROCYCLIQUE DU MUTANT KRAS G12C

Publication

EP 4247369 A1 20230927 (EN)

Application

EP 21895831 A 20211123

Priority

- US 202063117171 P 20201123
- US 2021060608 W 20211123

Abstract (en)

[origin: WO2022109487A1] The disclosure provides compounds of Formula (I) or a pharmaceutically acceptable salt thereof, wherein W1, W2, Y, Z, CS, R2; and R3 are as described herein. The compounds or their pharmaceutically acceptable salts can inhibit the G12C mutant of Kirsten rat sarcoma (KRAS) protein and are expected to have utility as therapeutic agents, for example, for treating cancer. The disclosure also provides pharmaceutical compositions which comprise compounds of Formula (I) or pharmaceutically acceptable salts thereof. The disclosure also relates to methods for use of the compounds or their pharmaceutically acceptable salts in the therapy and prophylaxis of cancer and for preparing pharmaceuticals for this purpose.

IPC 8 full level

A61K 31/4375 (2006.01); **A61K 31/444** (2006.01); **A61K 31/5377** (2006.01)

CPC (source: EP US)

A61K 45/06 (2013.01 - US); **A61P 35/00** (2018.01 - EP); **C07D 491/107** (2013.01 - EP US); **C07D 491/20** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022109487 A1 20220527; EP 4247369 A1 20230927; US 2024124478 A1 20240418

DOCDB simple family (application)

US 2021060608 W 20211123; EP 21895831 A 20211123; US 202118038364 A 20211123